

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. In a computer system having a graphical user interface, a method for generating topological and management information, the method comprising:

obtaining a request to generate topological and management information corresponding to two or more sites associated with a network;

obtaining site attribute information corresponding to the two or more sites;

processing the site attribute information to obtain site topological and management information; and

generating the site topological and management information on the graphical user interface.

2. The method as recited in Claim 1, wherein obtaining a request to generate topological and management information includes:

generating a display object on the graphical user interface, wherein the display object corresponds to a graphical control for initiating the generation of topological and management information;

obtaining a user selection of the display object; and

generating the request to generation network information.

3. The method as recited in Claim 1, wherein obtaining site attribute information corresponding to the two or more sites includes obtaining directory information identifying each of the two or more sites associated with the network.

4. The method as recited in Claim 3, wherein processing the site attribute information to obtain site topological and management information includes iteratively identifying site connection information from the site attribute information for the two or more sites.

5. The method as recited in Claim 3, wherein obtaining site attribute information corresponding to the two or more sites includes obtaining directory information identifying connection information for the two or more sites associated with the network.

6. The method as recited in Claim 5, wherein obtaining site attribute information corresponding to the two or more sites includes obtaining cost information for the connection information, wherein the cost information corresponds an estimated cost for transmitting data between two connected sites.

7. The method as recited in Claim 1, wherein obtaining site attribute information corresponding to the two or more sites includes obtaining health model information for the two or more sites.

8. The method as recited in Claim 1, wherein processing the site attribute information to obtain site topological and management information includes:

obtaining one or more health model processing rules associated with the two or more sites;

applying the site attribute information to the one or more health model processing rules; and

generating health model information for the two or more sites based on the application of the health model processing rules.

9. The method as recited in Claim 1, wherein generating the site topological and management information on the graphical user interface formatting the site topological and management information for display on a software application program.

10. The method as recited in Claim 9, wherein formatting the site topological and management information for display includes generating an XML data stream for rendering by the software application program.

11. The method as recited in Claim 1 further comprising obtaining a request to update the site topological and management information.

12. The method as recited in Claim 11, wherein obtaining a request to update the site topological and management information includes:

generating a second display object on the graphical user interface, wherein the second display object corresponds to a graphical control for updating the topological and management information;

obtaining a user selection of the second display object; and

generating the request to update the topological and management information.

13. A computer-readable medium having computer-executable instructions for performing the method recited in Claim 1.

14. A computer system having a processor, a memory and an operating environment, the computer system for performing the method recited in Claim 1.

15. In a computer system having a graphical user interface, a method for generating topological and management information, the method comprising:

obtaining a request to generate topological and management information corresponding to a plurality of sites associated with a network;

generating site topological and management information based upon imported site attribute information; and

generating the site topological and management information on the graphical user interface.

16. The method as recited in Claim 14, wherein obtaining a request to generate topological and management information corresponding to the plurality of sites includes:

generating a display object on the graphical user interface, wherein the display object corresponds to a graphical control for initiating generation of topological and management information;

obtaining a user selection of the display object; and

generating the request to generation topological and management information.

17. The method as recited in Claim 15, wherein generating site topological and management information based upon imported site attribute information includes obtaining directory information identifying each of the two or more sites associated with the network.

18. The method as recited in Claim 17, wherein generating site topological and management information based upon imported site attribute information includes obtaining cost information for the connection information, wherein the cost information corresponds to an estimated cost for transmitting data between two connected sites.

19. The method as recited in Claim 17, wherein generating site topological and management information based upon imported site attribute information includes:

obtaining one or more health model processing rules associated with the plurality of sites;

applying the site attribute information to the one or more health model processing rules; and

generating health model information for the plurality sites based on the application of the health model processing rules.

20. The method as recited in Claim 17, wherein generating site topological and management information based upon imported site attribute information includes iteratively identifying site connection information from the site attribute information for the two or more sites.

21. The method as recited in Claim 15, wherein generating the site topological and management information on the graphical user interface includes formatting the site topological and management information for display on a software application program.

22. The method as recited in Claim 21, wherein formatting the site topological and management information for display includes generating an XML data stream for rendering by the software application program.

23. The method as recited in Claim 15 further comprising obtaining a request to update the site topological and management information.

24. The method as recited in Claim 23, wherein obtaining a request to update the site topological and management information includes:

generating a second display object on the graphical user interface, wherein the second display object corresponds to a graphical control for updating the topological and management information;

obtaining a user selection of the second display object; and

generating the request to update the site topological and management information.

25. A computer-readable medium having computer-executable instructions for performing the method recited in Claim 15.

26. A computer system having a processor, a memory and an operating environment, the computer system for performing the method recited in Claim 15.

27. In a computer system having a graphical user interface, a method for generating topological and management information, the method comprising:

obtaining a request to generate topological and management information corresponding to a plurality of sites associated with a network;

generating site topological and management information based upon site attribute information; and

generating the site topological and management information on the graphical user interface.

28. The method as recited in Claim 27, wherein obtaining a request to generate topological and management information corresponding to the plurality of sites includes:

generating a display object on the graphical user interface, wherein the display object corresponds to a graphical control for initiating generation of topological and management information;

obtaining a user selection of the display object; and
generating the request to generation topological and management information.

29. The method as recited in Claim 27, wherein generating site topological and management information includes obtaining directory information identifying each of the two or more sites associated with the network.

30. The method as recited in Claim 29, wherein generating site topological and management information based upon imported site attribute information includes iteratively identifying site connection information from the site attribute information for the two or more sites.

31. The method as recited in Claim 27, wherein generating site topological and management information includes obtaining cost information for the connection information, wherein the cost information corresponds an estimated cost for transmitting data between two connected sites.

32. The method as recited in Claim 27, wherein generating site topological and management information based upon imported site attribute information includes:

obtaining one or more health model processing rules associated with the plurality of sites;

applying the site attribute information to the one or more health model processing rules; and

generating health model information for the plurality of sites based on the application of the health model processing rules.

33. The method as recited in Claim 27, wherein generating the site topological and management information on the graphical user interface includes formatting the site topological and management information for display on a software application program.

34. The method as recited in Claim 33, wherein formatting the site topological and management information for display includes generating an XML data stream for rendering by the software application program.

35. The method as recited in Claim 27 further comprising obtaining a request to update the site topological and management information.

36. The method as recited in Claim 35, wherein obtaining a request to update the site topological and management information includes:

generating a second display object on the graphical user interface, wherein the second display object corresponds to a graphical control for updating the topological and management information;

obtaining a user selection of the second display object; and

generating the request to update the site topological and management information.

37. A computer-readable medium having computer-executable instructions for performing the method recited in Claim 27.

38. A computer system having a processor, a memory and an operating environment, the computer system for performing the method recited in Claim 27.